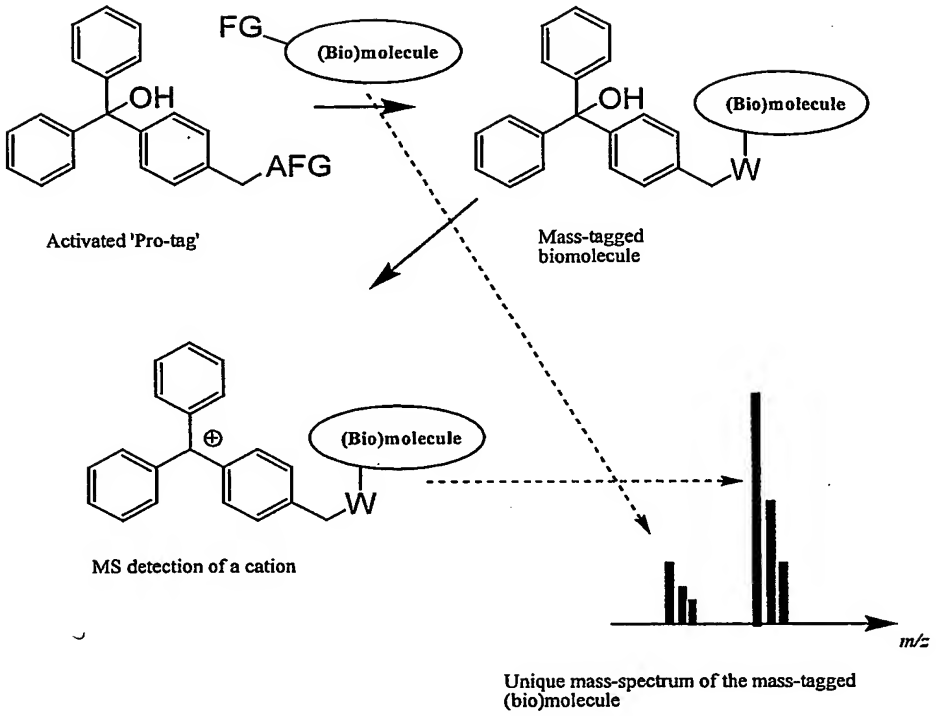
Figure 1

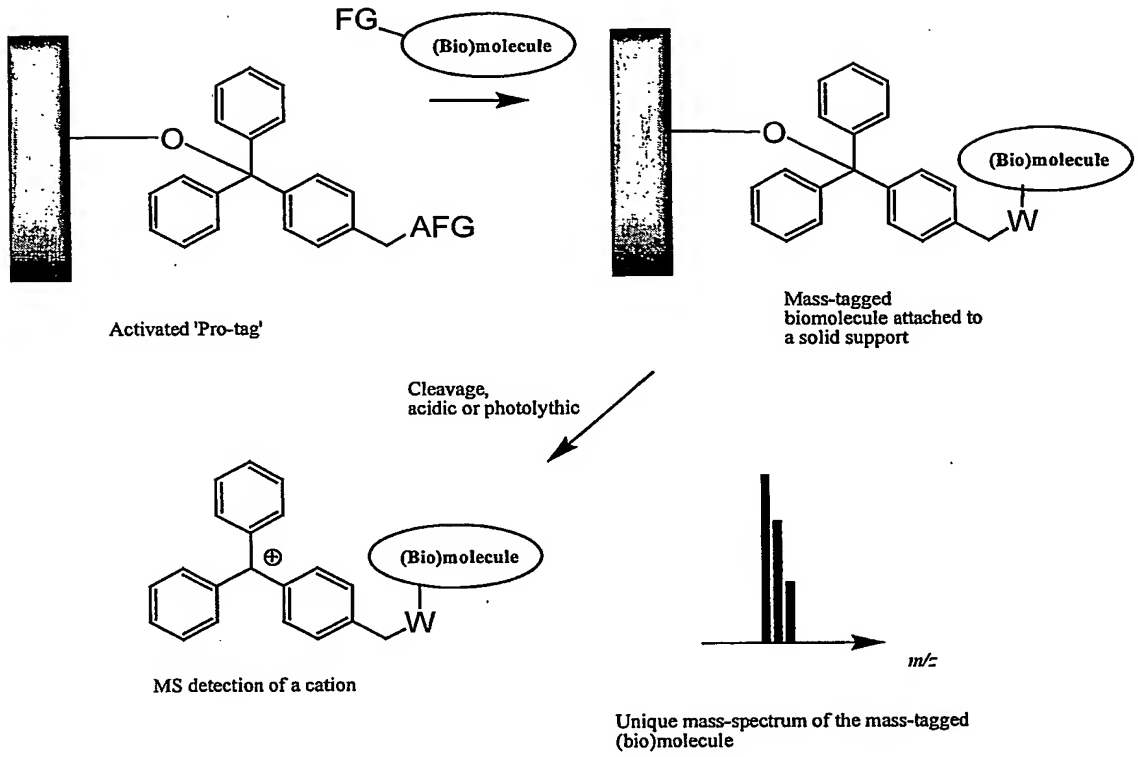
Trityl Tagging



AFG, activated functional group, i.e. NHS or maleimido
FG, functional group, i.e. NH_2 or SH
W, a bond between AFG and FG
(Bio)molecule, a molecule to be analysed, i.e. a peptide

Figure 2

Trityl Enhancer Tagging on Solid Support



AFG, activated functional group, i.e. NHS or maleimido
FG, functional group, i.e. NH_2 or SH
W, a bond between AFG and FG
(Bio)molecule, a molecule to be analysed, i.e. a peptide

Figure 3

Reverse Trityl Enhancer Tagging on Solid Support

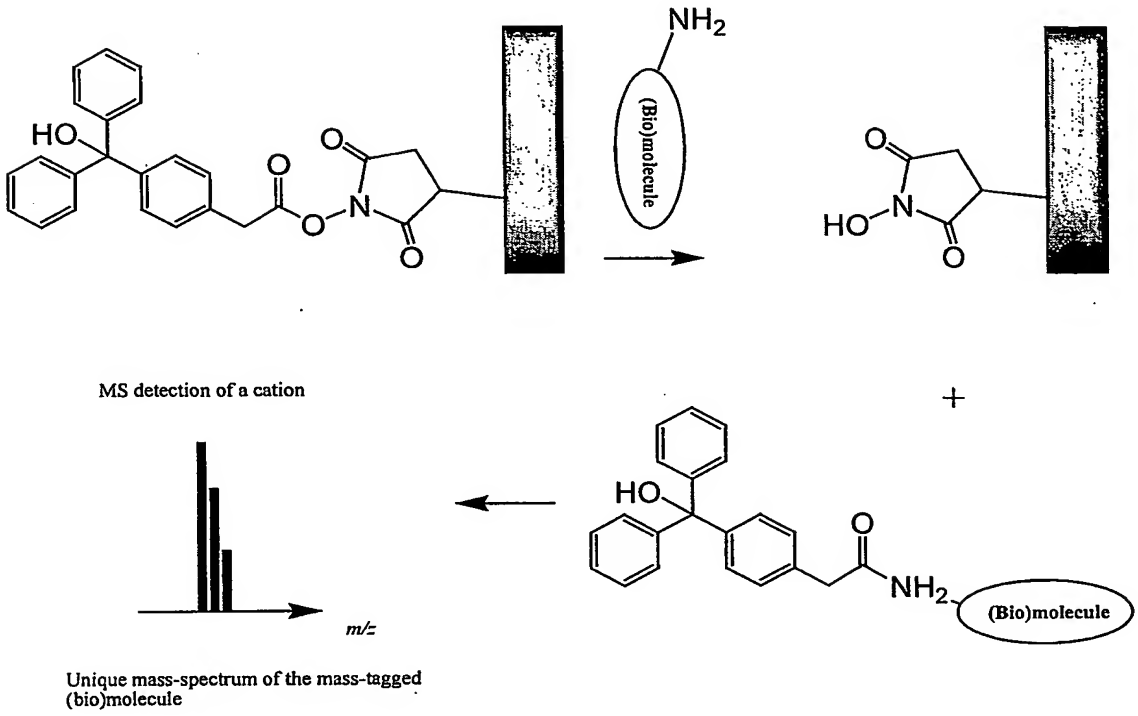
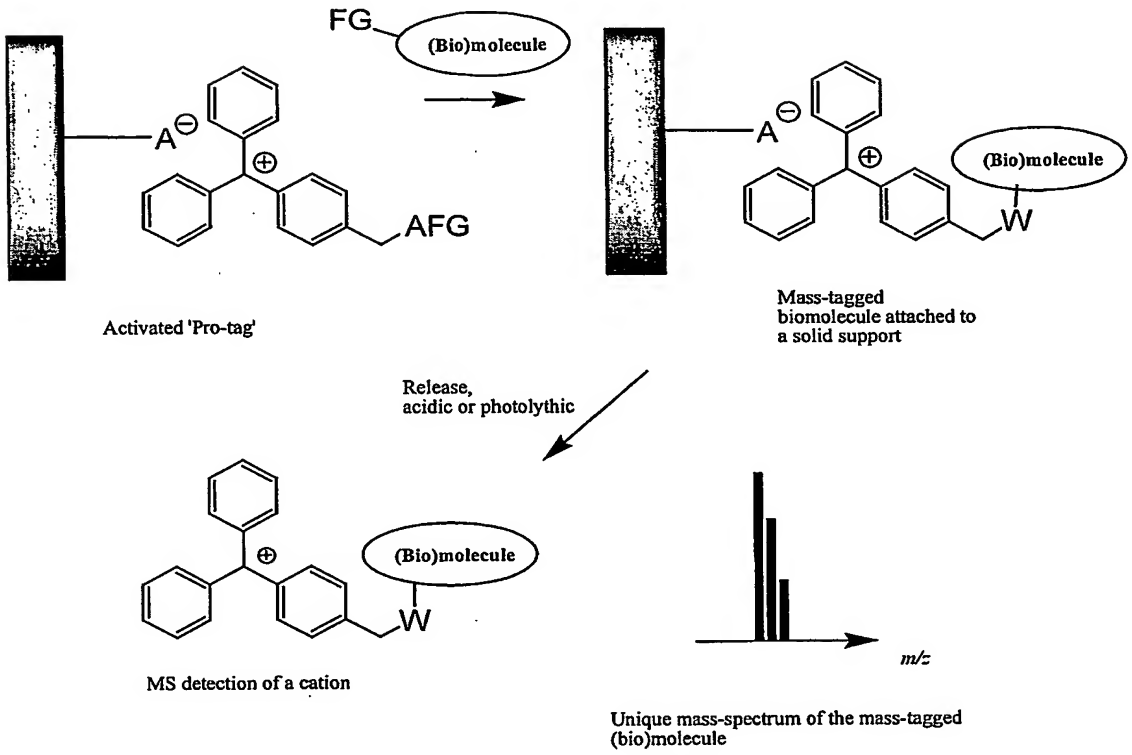


Figure 4

Trityl Enhancer Tagging on Solid Support 2



AFG, activated functional group, i.e. NHS or maleimido
FG, functional group, i.e. NH_2 or SH
W, a bond between AFG and FG
(Bio)molecule, a molecule to be analysed, i.e. a peptide

Figure 5

Solid Support-Assisted Trityl Enhancer Tagging

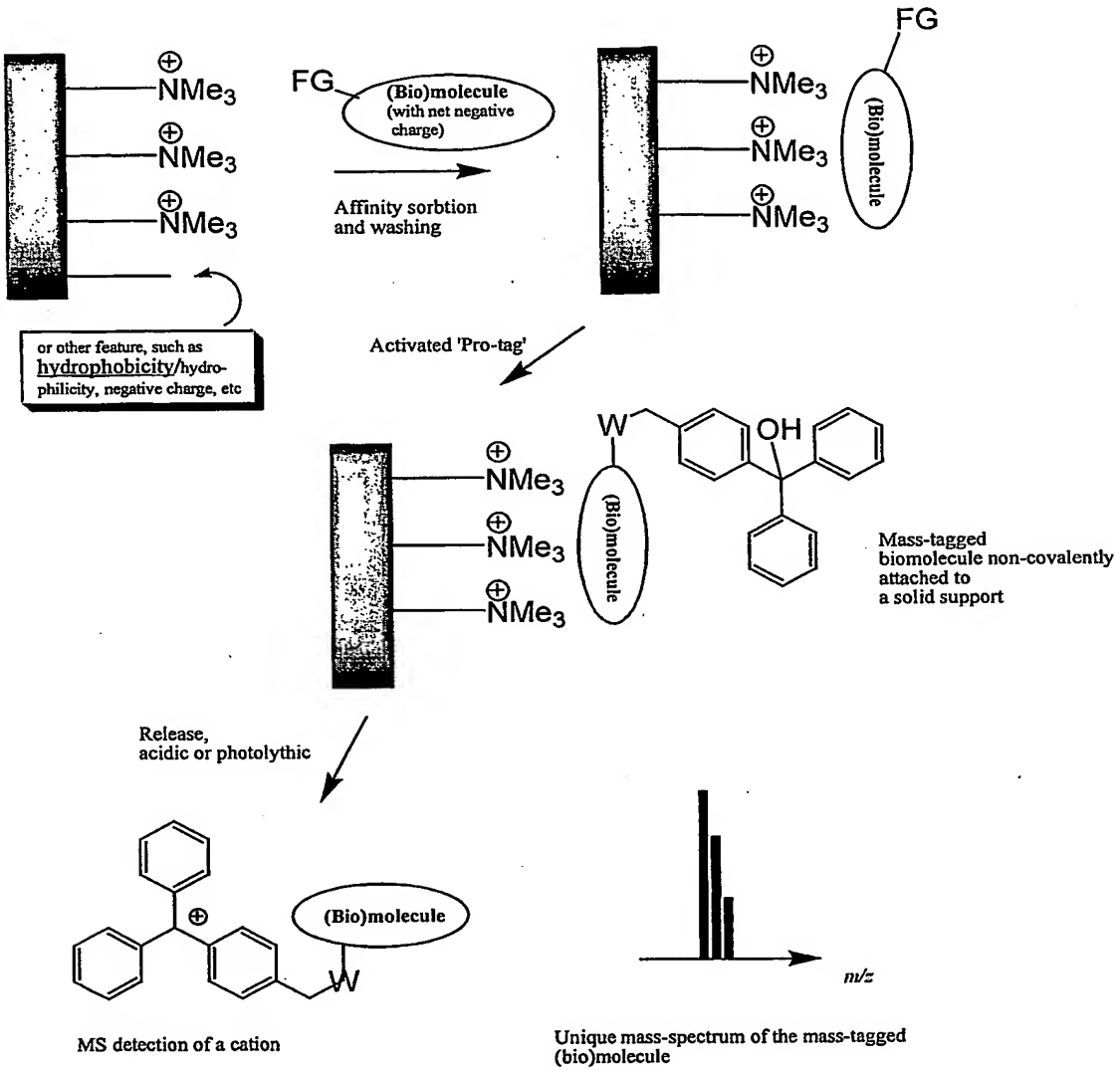


Figure 6

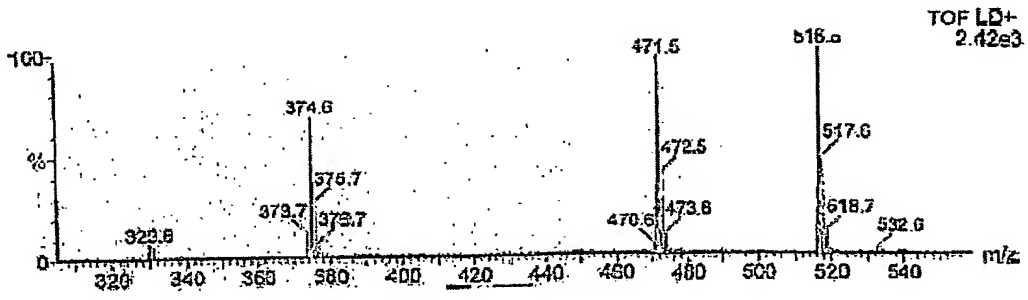


Figure 7

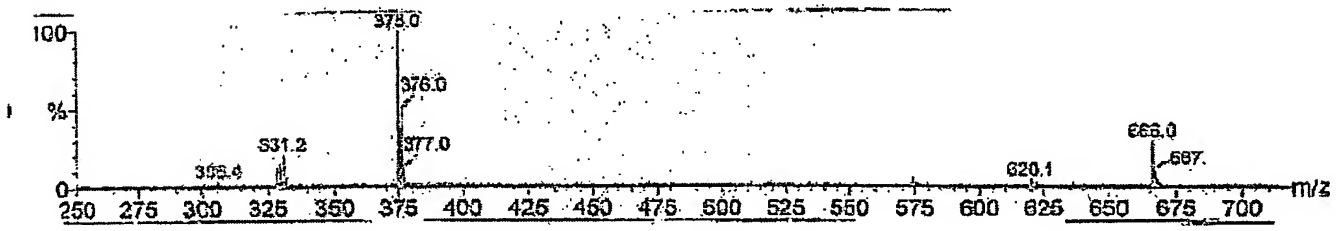


Figure 9

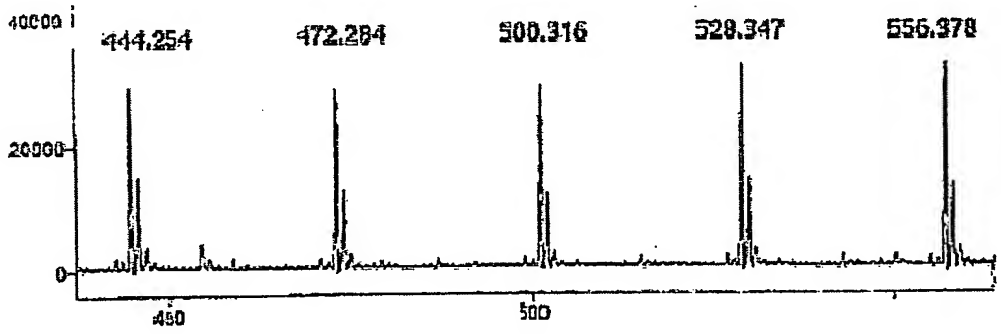


Figure 8

Figure 8A

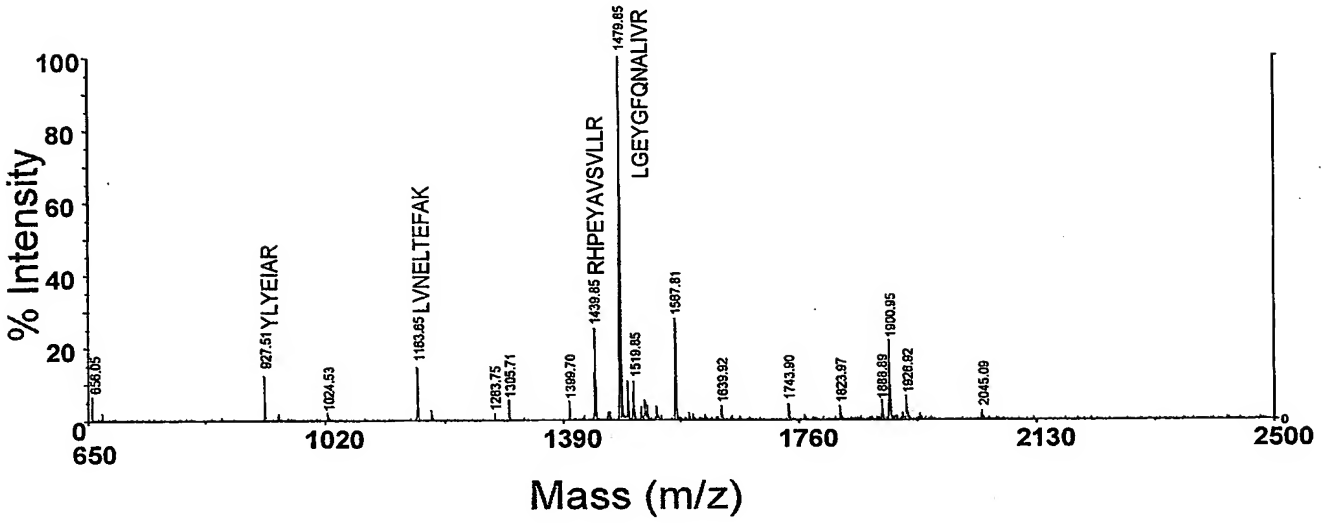


Figure 8B

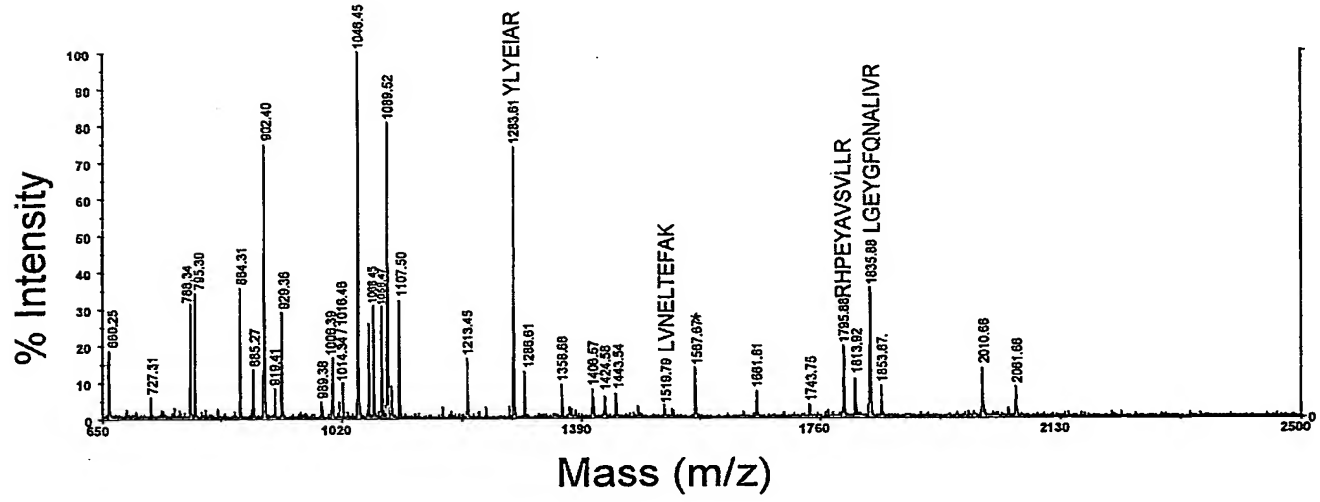


Figure 10A

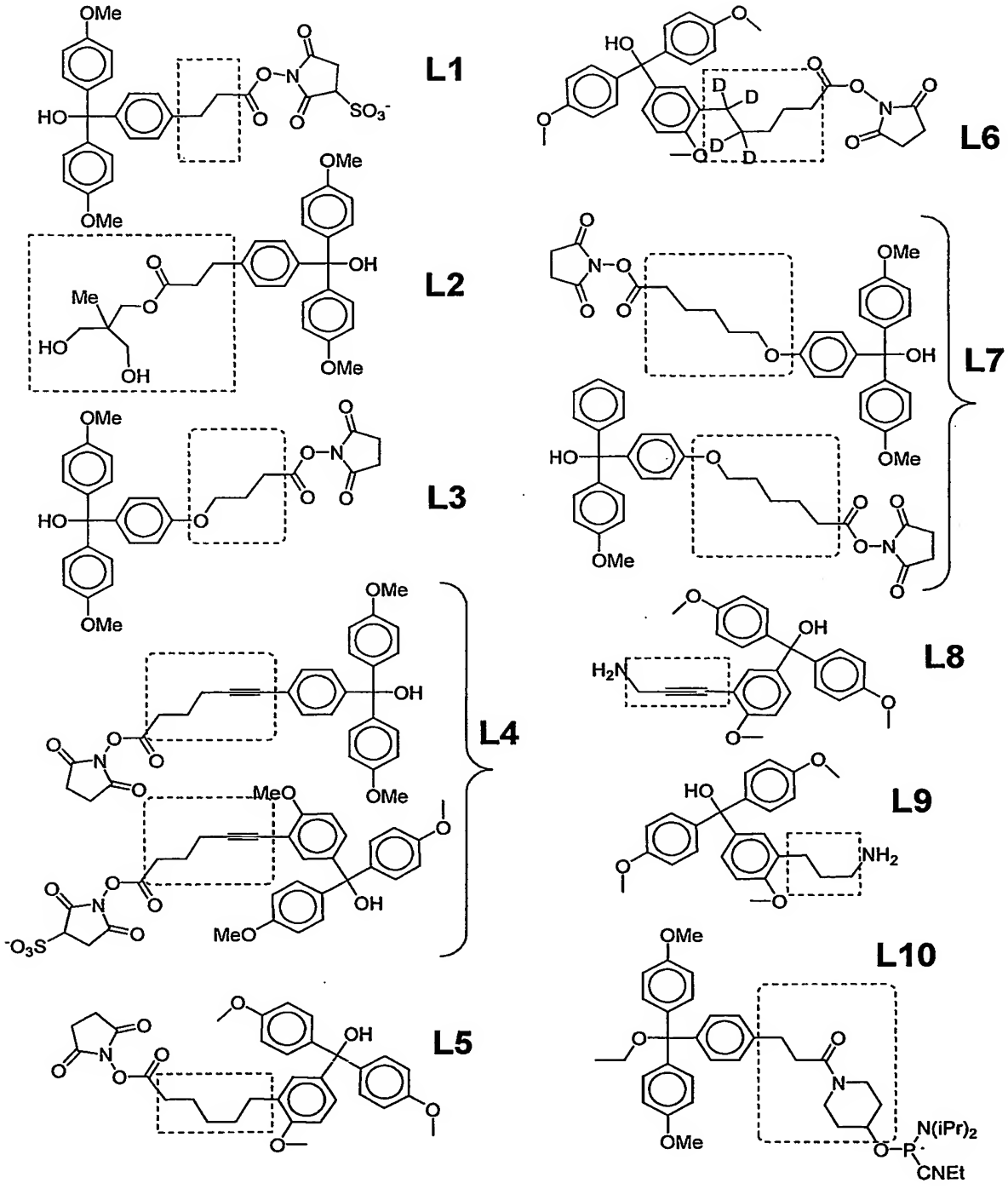

L1
L2
L3
L4
L5
L6
L7
L8
L9
L10
OMe
HO
OH
Me
MeO
SO_3^-
$-O_3S$
D
H_2N
NH_2
$N(iPr)_2$
CNEt

Figure 10B

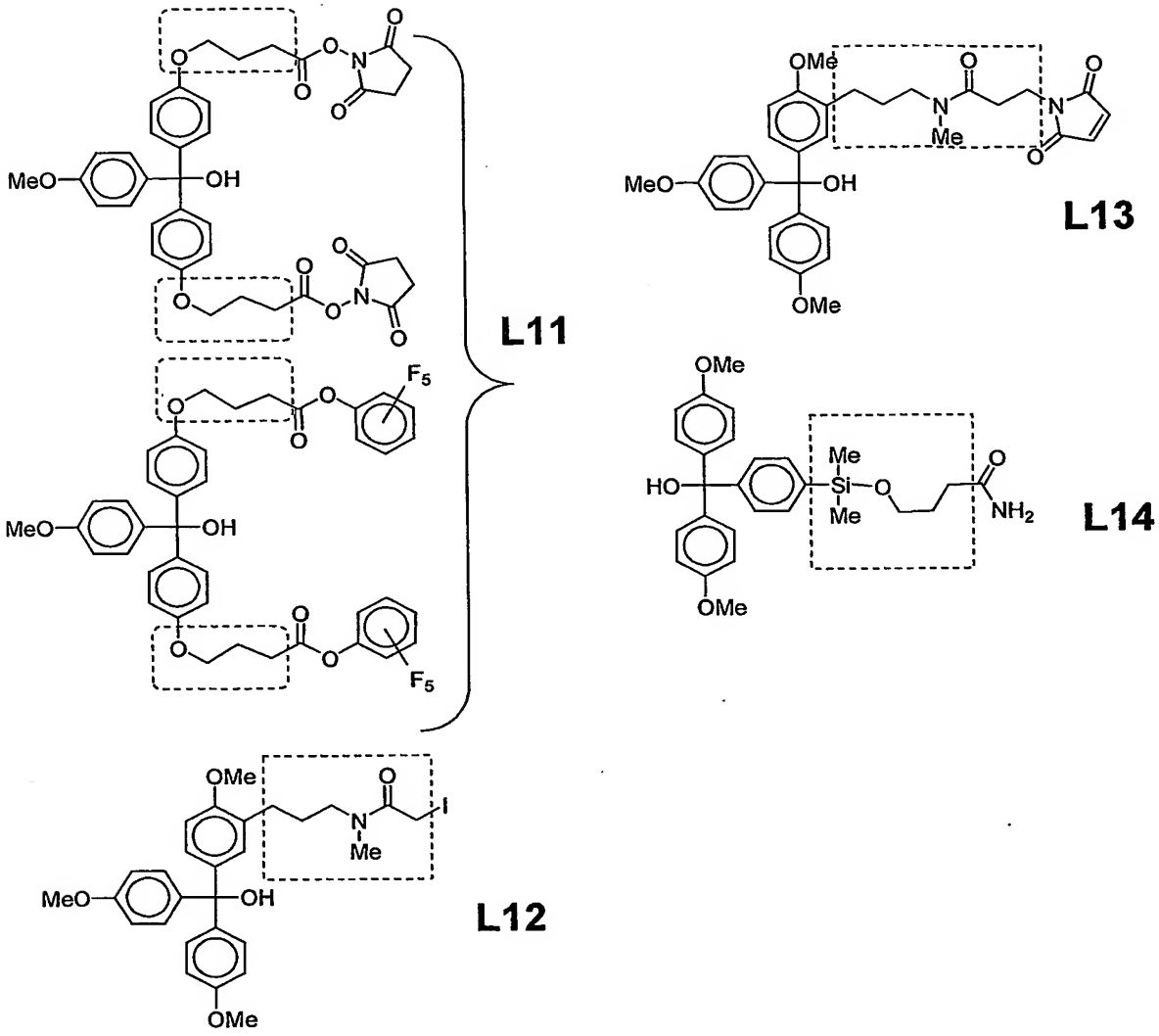


Figure 11A

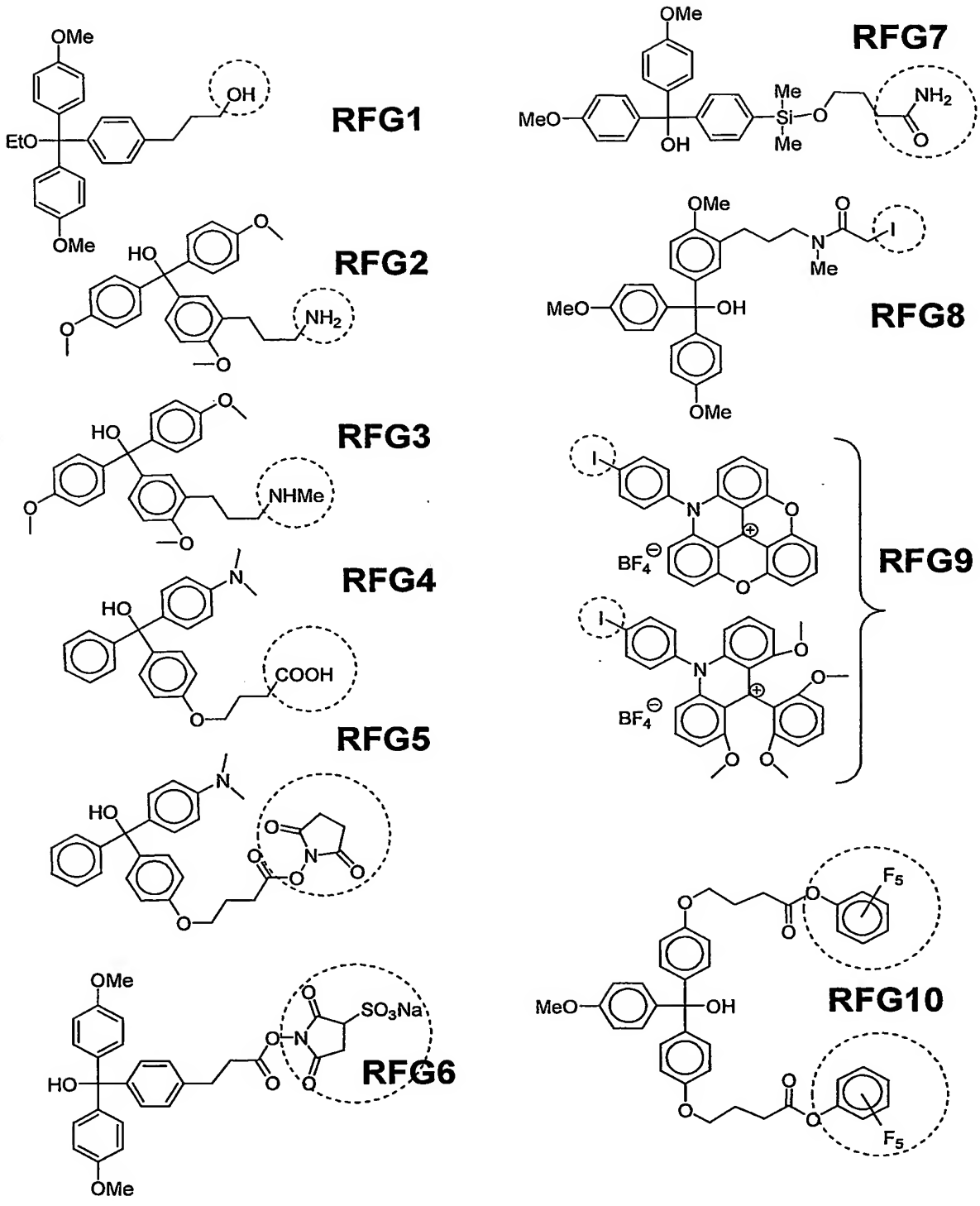


Figure 11B

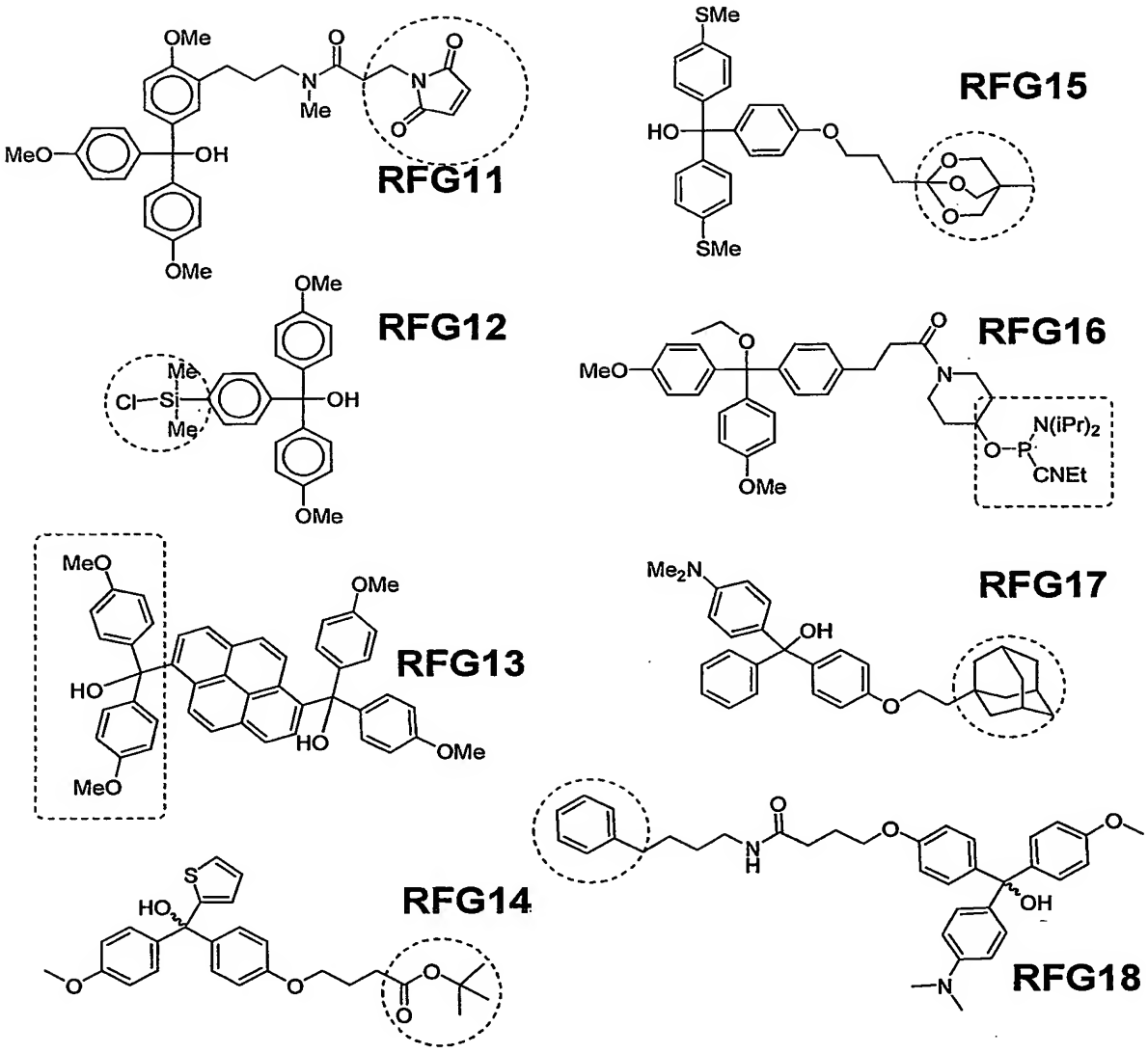


Figure 12A

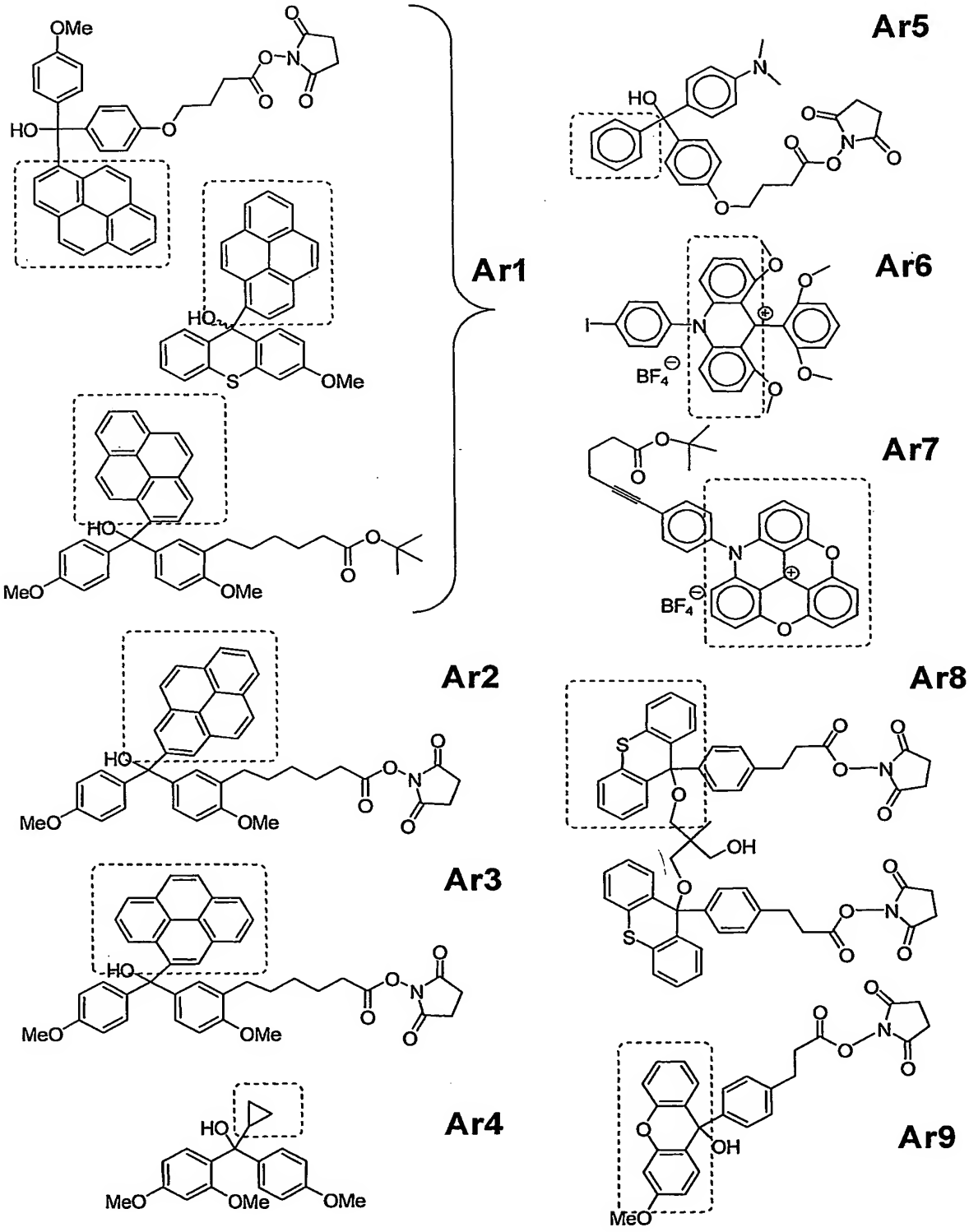
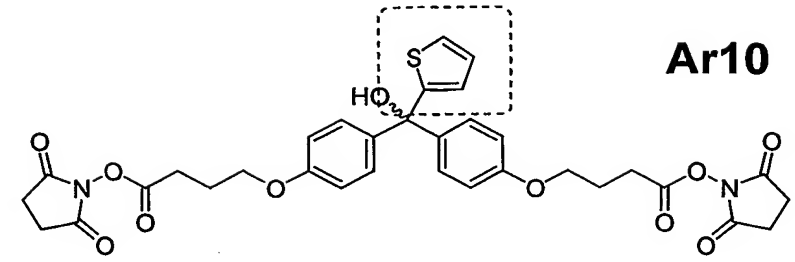


Figure 12B



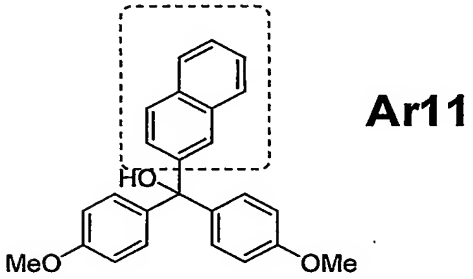


Figure 13

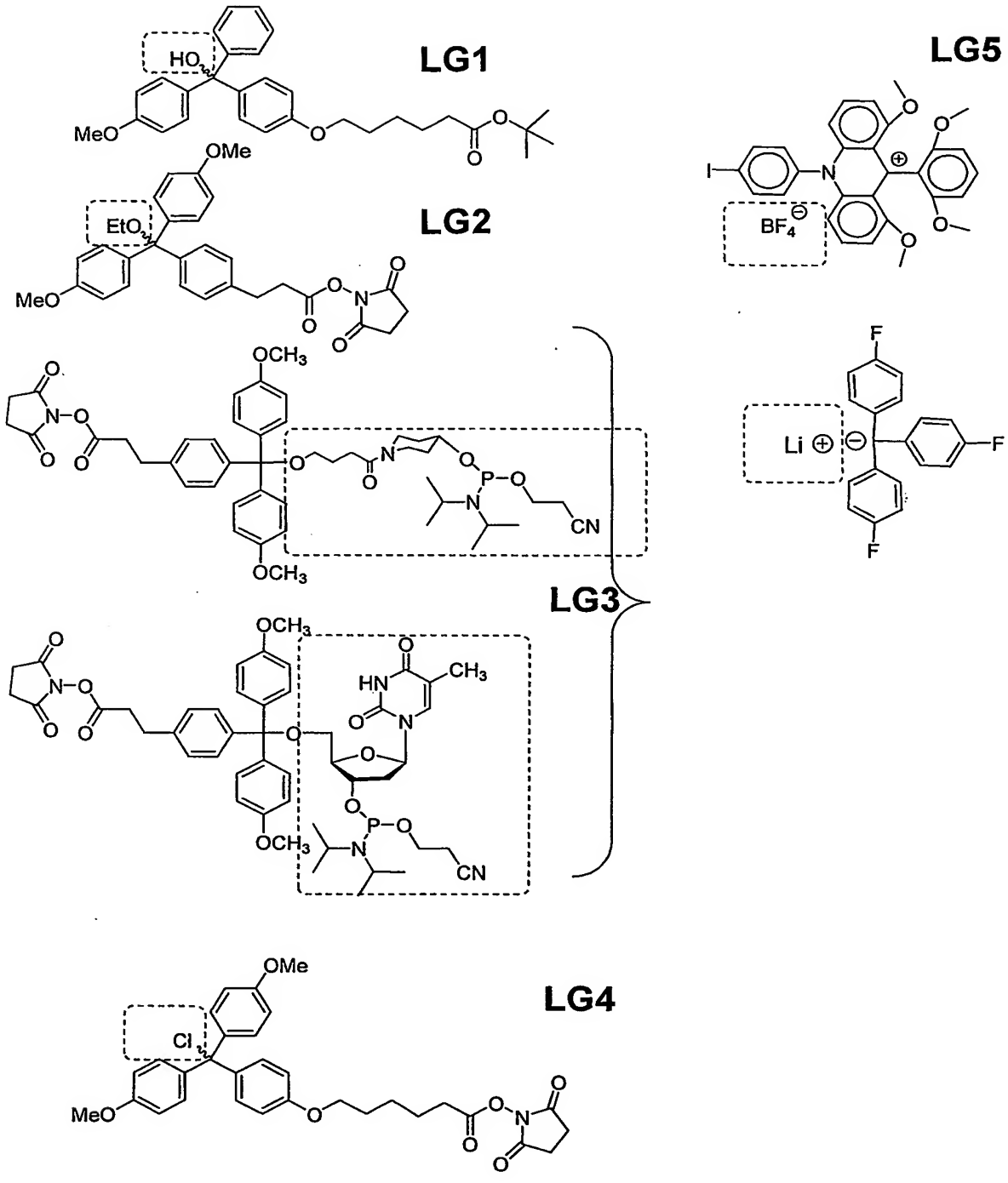
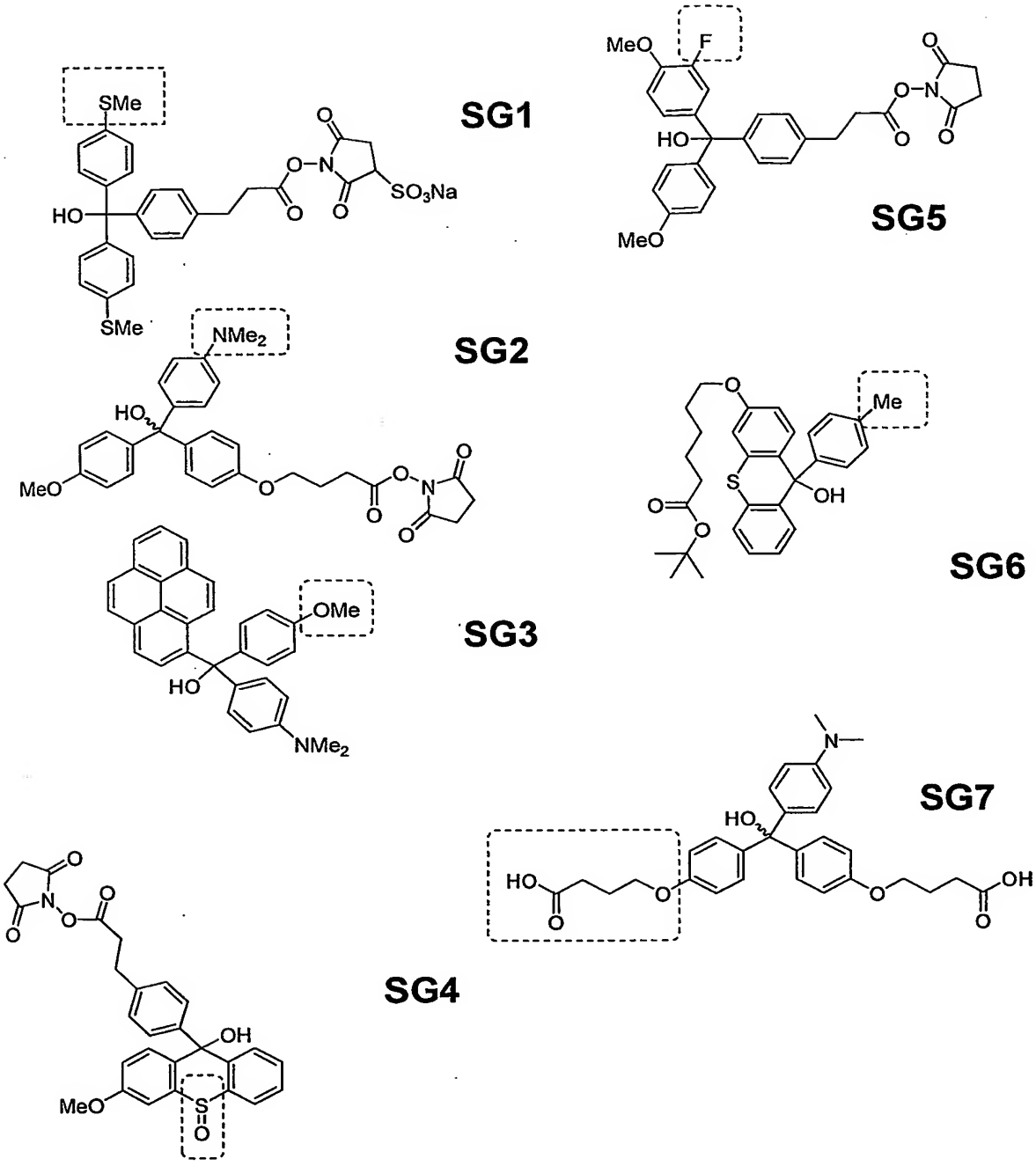



Figure 14